

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/821,250A
Source: 1FW16
Date Processed by STIC: 11/14/06

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 11/14/2006

PATENT APPLICATION: US/10/821,250A

TIME: 15:21:24

Input Set : A:\P03CI2-SEQID.txt

Output Set: N:\CRF4\11142006\J821250A.raw

```

4 <110> APPLICANT: CASTILLO, GERARDO M.
5     NGUYEN, BETH P.
6     LAKE, THOMAS P.
7     SNOW, ALAN D.
9 <120> TITLE OF INVENTION: SMALL PEPTIDES FOR THE TREATMENT OF ALZHEIMER'S DISEASE
10    AND OTHER BETA-AMYLOID PROTEIN FIBRILLOGENESIS
11    DISORDERS
13 <130> FILE REFERENCE: PROTEO.P03CI2
15 <140> CURRENT APPLICATION NUMBER: 10/821,250A
16 <141> CURRENT FILING DATE: 2004-04-08
18 <150> PRIOR APPLICATION NUMBER: 60/461,655
19 <151> PRIOR FILING DATE: 2003-04-08
21 <150> PRIOR APPLICATION NUMBER: 09/962,955
22 <151> PRIOR FILING DATE: 2001-09-24
24 <150> PRIOR APPLICATION NUMBER: 09/938,275
25 <151> PRIOR FILING DATE: 2001-08-22
27 <150> PRIOR APPLICATION NUMBER: 08/947,057
28 <151> PRIOR FILING DATE: 1997-10-08
30 <160> NUMBER OF SEQ ID NOS: 108
32 <170> SOFTWARE: PatentIn Ver. 3.2
34 <210> SEQ ID NO: 1
35 <211> LENGTH: 12
36 <212> TYPE: PRT
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
41    peptide
43 <400> SEQUENCE: 1
44 Arg Lys Arg Leu Gln Val Gln Leu Ser Ile Arg Thr
45   1           5           10
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 12
50 <212> TYPE: PRT
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
55    peptide
57 <400> SEQUENCE: 2
58 Lys Ala Phe Asp Ile Thr Tyr Val Arg Leu Lys Phe
59   1           5           10
62 <210> SEQ ID NO: 3
63 <211> LENGTH: 13
64 <212> TYPE: PRT

```

RAW SEQUENCE LISTING

DATE: 11/14/2006

PATENT APPLICATION: US/10/821,250A

TIME: 15:21:24

Input Set : A:\P03CI2-SEQID.txt

Output Set: N:\CRF4\11142006\J821250A.raw

```

65 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
69     peptide
71 <400> SEQUENCE: 3
72 Arg Gln Val Phe Gln Val Ala Tyr Ile Ile Ile Lys Ala
73   1             5             10
76 <210> SEQ ID NO: 4
77 <211> LENGTH: 12
78 <212> TYPE: PRT
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
83     peptide
85 <400> SEQUENCE: 4
86 His Gln Thr Trp Thr Arg Asn Leu Gln Val Thr Leu
87   1             5             10
90 <210> SEQ ID NO: 5
91 <211> LENGTH: 12
92 <212> TYPE: PRT
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
97     peptide
99 <400> SEQUENCE: 5
100 Ile Ser Asn Val Phe Val Gln Arg Leu Ser Leu Ser
101   1             5             10
104 <210> SEQ ID NO: 6
105 <211> LENGTH: 12
106 <212> TYPE: PRT
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
111     peptide
113 <400> SEQUENCE: 6
114 Ala Ser Pro Pro Ser Val Lys Val Trp Gln Asp Ala
115   1             5             10
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 13
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
125     peptide
127 <400> SEQUENCE: 7
128 Arg Gly Leu Val Phe His Thr Gly Thr Lys Asn Ser Phe
129   1             5             10
132 <210> SEQ ID NO: 8
133 <211> LENGTH: 12

```

RAW SEQUENCE LISTING

DATE: 11/14/2006

PATENT APPLICATION: US/10/821,250A

TIME: 15:21:24

Input Set : A:\P03CI2-SEQID.txt

Output Set: N:\CRF4\11142006\J821250A.raw

```

134 <212> TYPE: PRT
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
139     peptide
141 <400> SEQUENCE: 8
142 Tyr Leu Ser Lys Gly Arg Leu Val Phe Ala Leu Gly
143   1             5             10
146 <210> SEQ ID NO: 9
147 <211> LENGTH: 12
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
153     peptide
155 <400> SEQUENCE: 9
156 Asn Asp Gly Lys Trp His Thr Val Val Phe Gly His
157   1             5             10
160 <210> SEQ ID NO: 10
161 <211> LENGTH: 12
162 <212> TYPE: PRT
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
167     peptide
169 <400> SEQUENCE: 10
170 Gly Asn Ser Thr Ile Ser Ile Arg Ala Pro Val Tyr
171   1             5             10
174 <210> SEQ ID NO: 11
175 <211> LENGTH: 12
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
181     peptide
183 <400> SEQUENCE: 11
184 Thr Leu Phe Leu Ala His Gly Arg Leu Val Phe Met
185   1             5             10
188 <210> SEQ ID NO: 12
189 <211> LENGTH: 12
190 <212> TYPE: PRT
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
195     peptide
197 <400> SEQUENCE: 12
198 His Pro Asp Asp Phe Val Phe Tyr Val Gly Gly Tyr
199   1             5             10
202 <210> SEQ ID NO: 13

```

RAW SEQUENCE LISTING

DATE: 11/14/2006

PATENT APPLICATION: US/10/821,250A

TIME: 15:21:24

Input Set : A:\P03CI2-SEQID.txt

Output Set: N:\CRF4\11142006\J821250A.raw

```

203 <211> LENGTH: 12
204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
209     peptide
211 <400> SEQUENCE: 13
212 Trp Leu Tyr Val Asp Asp Gln Leu Gln Leu Val Lys
213   1           5           10
216 <210> SEQ ID NO: 14
217 <211> LENGTH: 12
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
223     peptide
225 <400> SEQUENCE: 14
226 Val Gln Ser Arg Gln His Ser Arg Ala Gly Gln Trp
227   1           5           10
230 <210> SEQ ID NO: 15
231 <211> LENGTH: 12
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
237     peptide
239 <400> SEQUENCE: 15
240 Ala Gly Gln Trp His Arg Val Ser Val Arg Trp Gly
241   1           5           10
244 <210> SEQ ID NO: 16
245 <211> LENGTH: 12
246 <212> TYPE: PRT
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
251     peptide
253 <400> SEQUENCE: 16
254 Val Arg Trp Gly Met Gln Gln Ile Gln Leu Val Val
255   1           5           10
258 <210> SEQ ID NO: 17
259 <211> LENGTH: 12
260 <212> TYPE: PRT
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
265     peptide
267 <400> SEQUENCE: 17
268 Thr Trp Ser Gln Lys Ala Leu His His Arg Val Pro
269   1           5           10

```

RAW SEQUENCE LISTING

DATE: 11/14/2006

PATENT APPLICATION: US/10/821,250A

TIME: 15:21:24

Input Set : A:\P03CI2-SEQID.txt

Output Set: N:\CRF4\11142006\J821250A.raw

```

272 <210> SEQ ID NO: 18
273 <211> LENGTH: 12
274 <212> TYPE: PRT
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
279     peptide
281 <400> SEQUENCE: 18
282 Asp Gly Arg Trp His Arg Val Ala Val Ile Met Gly
283   1             5             10
286 <210> SEQ ID NO: 19
287 <211> LENGTH: 12
288 <212> TYPE: PRT
289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
292 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
293     peptide
295 <400> SEQUENCE: 19
296 Ala Pro Val Asn Val Thr Ala Ser Val Gln Ile Gln
297   1             5             10
300 <210> SEQ ID NO: 20
301 <211> LENGTH: 12
302 <212> TYPE: PRT
303 <213> ORGANISM: Artificial Sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
307     peptide
309 <400> SEQUENCE: 20
310 Lys Pro Arg Leu Gln Phe Ser Leu Asp Ile Gln Thr
311   1             5             10
314 <210> SEQ ID NO: 21
315 <211> LENGTH: 12
316 <212> TYPE: PRT
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
321     peptide
323 <400> SEQUENCE: 21
324 Arg Asn Arg Leu His Leu Ser Met Leu Val Arg Pro
325   1             5             10
328 <210> SEQ ID NO: 22
329 <211> LENGTH: 12
330 <212> TYPE: PRT
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
335     peptide
337 <400> SEQUENCE: 22
338 Ala Ala Ser Ile Lys Val Ala Val Ser Ala Asp Arg

```

VERIFICATION SUMMARY

DATE: 11/14/2006

PATENT APPLICATION: US/10/821,250A

TIME: 15:21:25

Input Set : A:\P03CI2-SEQID.txt

Output Set: N:\CRF4\11142006\J821250A.raw